

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/012231

A. CLASSIFICATION OF SUBJECT MATTER

H01M8/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
HOIM

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal , PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	EP 1 237 215 A (DAIDO TOKUSHUKO KABUSHIKI KAISHA) 4 September 2002 (2002-09-04) paragraphs 0100!, '0107 !	15
A	claims 1-31	1-14 ,16, 17
A	CA 2 450 703 A1 (HONDA GIKEN KOGYO KABUSHIKI KAISHA) 3 April 2003 (2003-04-03) page 6, line 4 - page 7, line 12	1-17
A	PATENT ABSTRACTS OF JAPAN vol . 1998, no. 13, 30 November 1998 (1998-11-30) & JP 10 228914 A (AISIN TAKAOKA LTD), 25 August 1998 (1998-08-25) abstract	1-17
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents

'A' document defining the general state of the art which is not considered to be of particular relevance

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'O' document referring to an oral disclosure, use, exhibition or other means

'P' document published prior to the international filing date but later than the priority date claimed

'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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'A' document member of the same patent family

Date of the actual completion of the international search

1 December 2005

Date of mailing of the international search report

08/12/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>PATENT ABSTRACTS OF JAPAN vol. 015, no. 227 (C-0839), 10 June 1991 (1991-06-10) & JP 03 068794 A (FURUKAWA ELECTRIC CO LTD:THE), 25 March 1991 (1991-03-25) abstract</p> <p>-----</p>	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1237215	A	04-09-2002	CA 2373344 A1	28-08-2002
			US 2003068523 A1	10-04-2003
CA 2450703	A1	03-04-2003	WO 03028133 A1	03-04-2003
			JP 2003092118 A	28-03-2003
			US 2004146767 A1	29-07-2004
JP 10228914	A	25-08-1998	NONE	
JP 03068794	A	25-03-1991	NONE	